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```
22
24 <!-- somple1.dld > -->
26 <!ELEMENT t - - (t1?, t2?, t3?, t4?)*>
28 <!ATTLIST t1 nome CDATA #REQUIRED>
30 <!ELEMENT t2 - - CDATA>
32 <!ELEMENT t3 - - CDATA>
32 <!ELEMENT t4 - - CDATA>
34

FIG. 1A
```

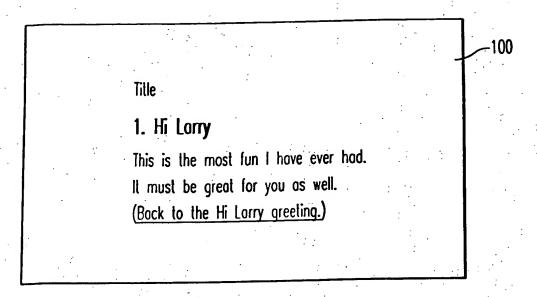
```
42—
44—11--><H3><A NAME="the source is t1's name">
46—12--> <P>
48—13--> <P>
50—14--> <P><A HREF="# the source is t1's name">
```

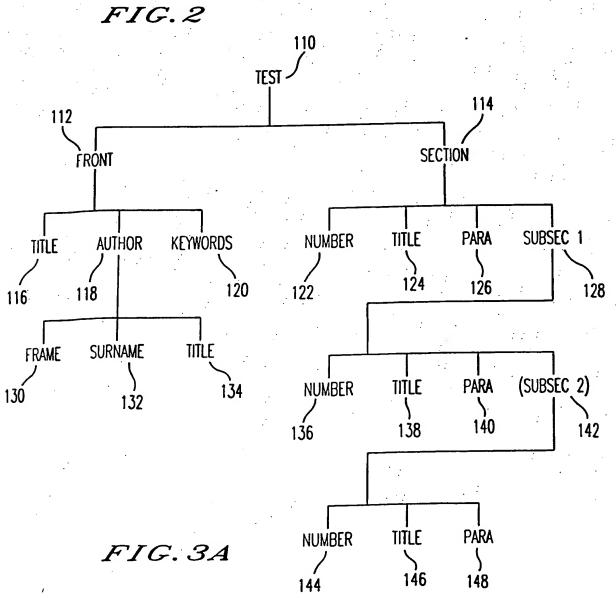
FIG. 1B

```
60
62
<!DOCTYPE t system "somple1.dtd">
64
<!1 name="hilarry">1. Hi Larry</t1>
66
-<!2> This is the most fun I have ever had.</t2>
68
-<!3> It must be great for you as well.</t3>
70
-<!4> (Back to the Hi Larry greeting.)</t4>
72

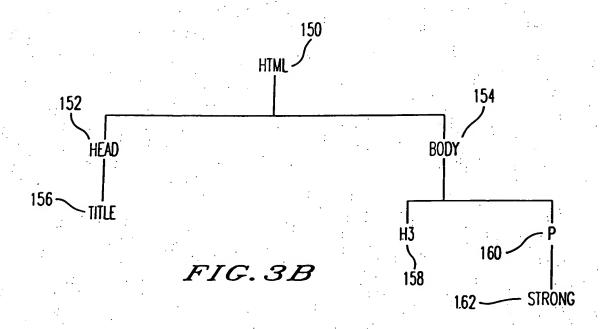
FIG. 1 C
```

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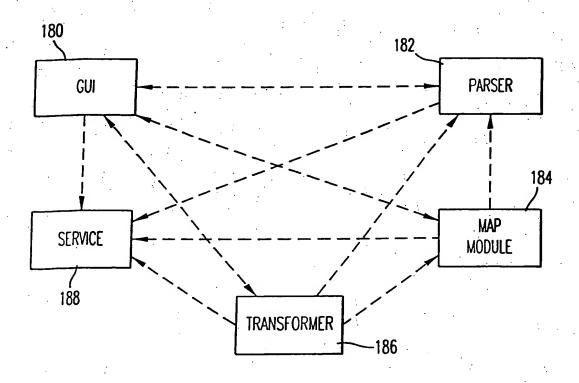
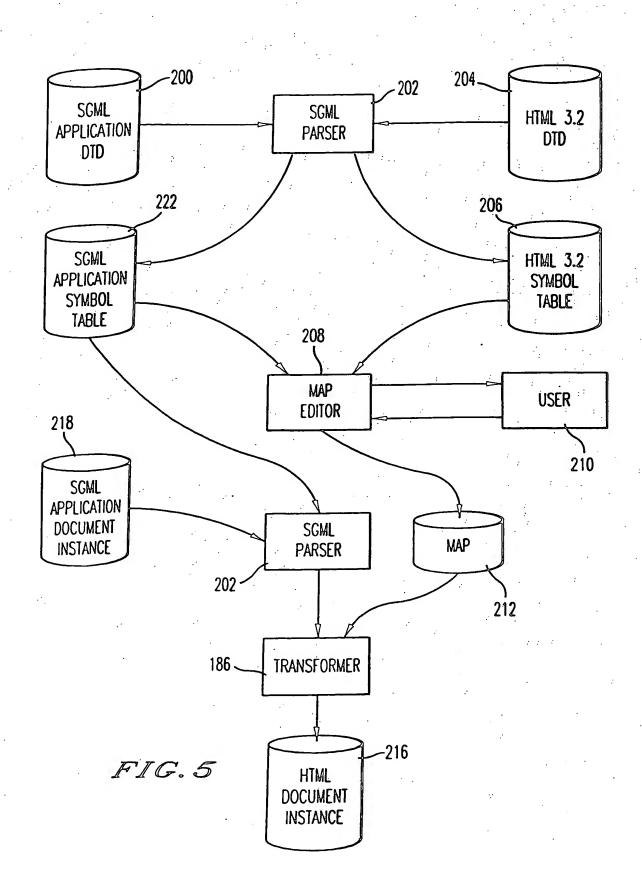


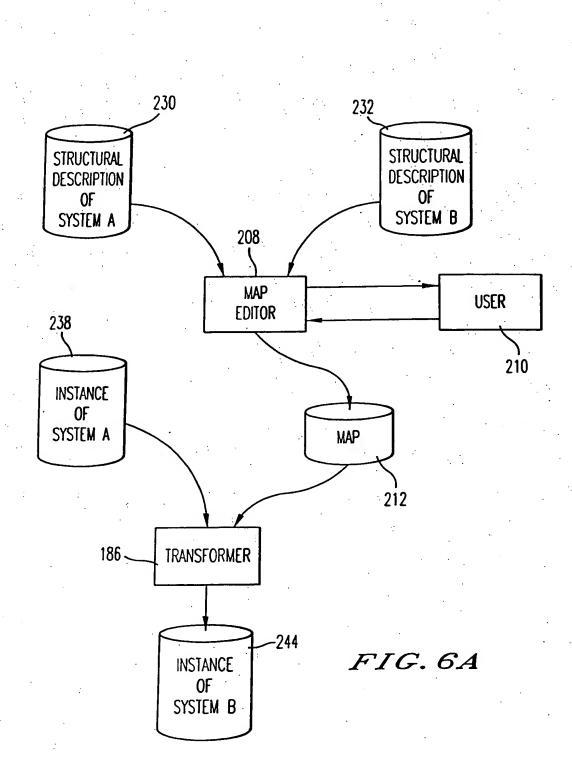
FIG. 4

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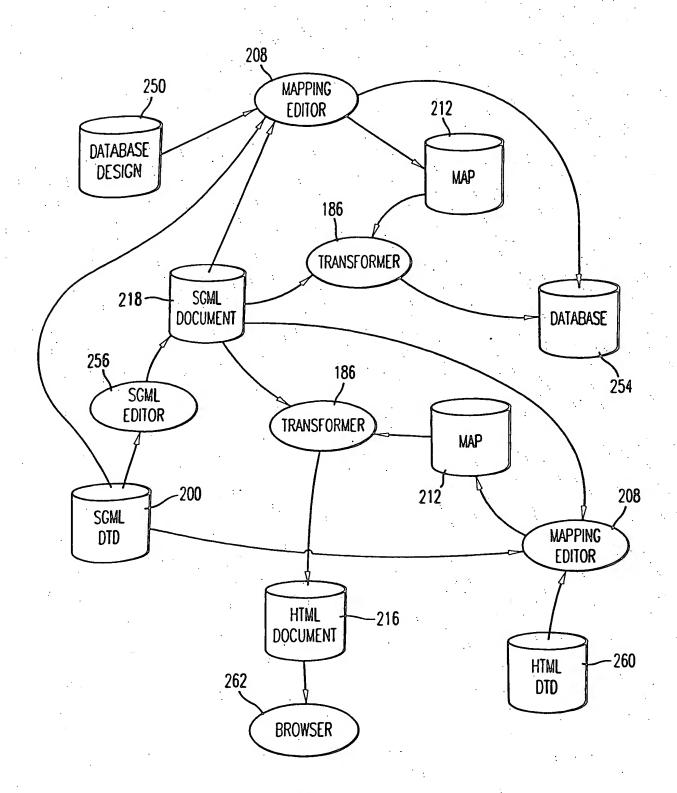
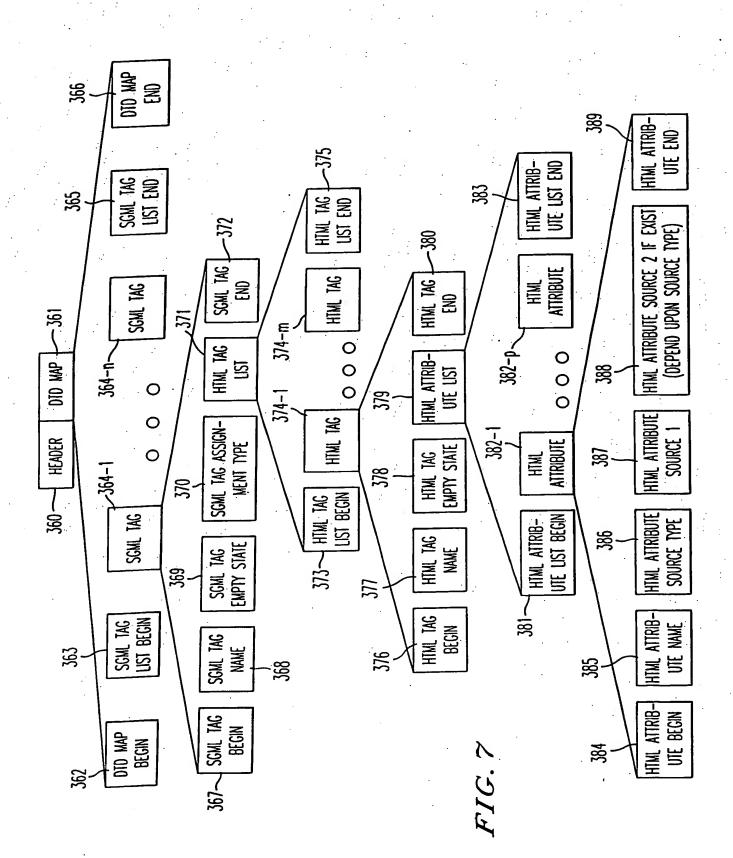


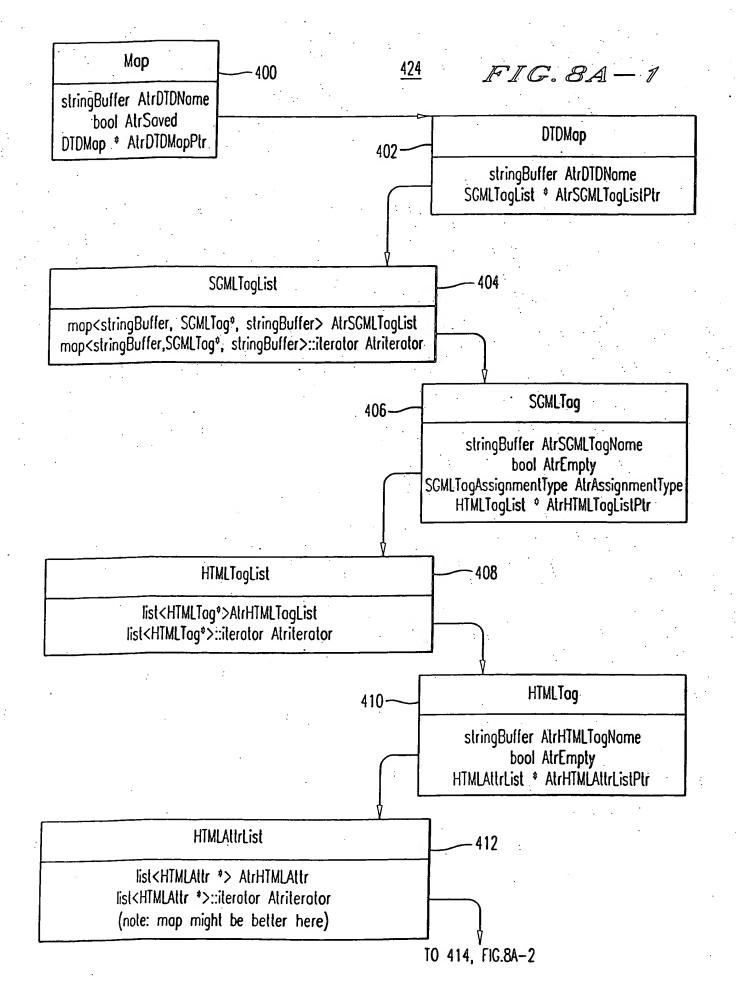
FIG. 6B

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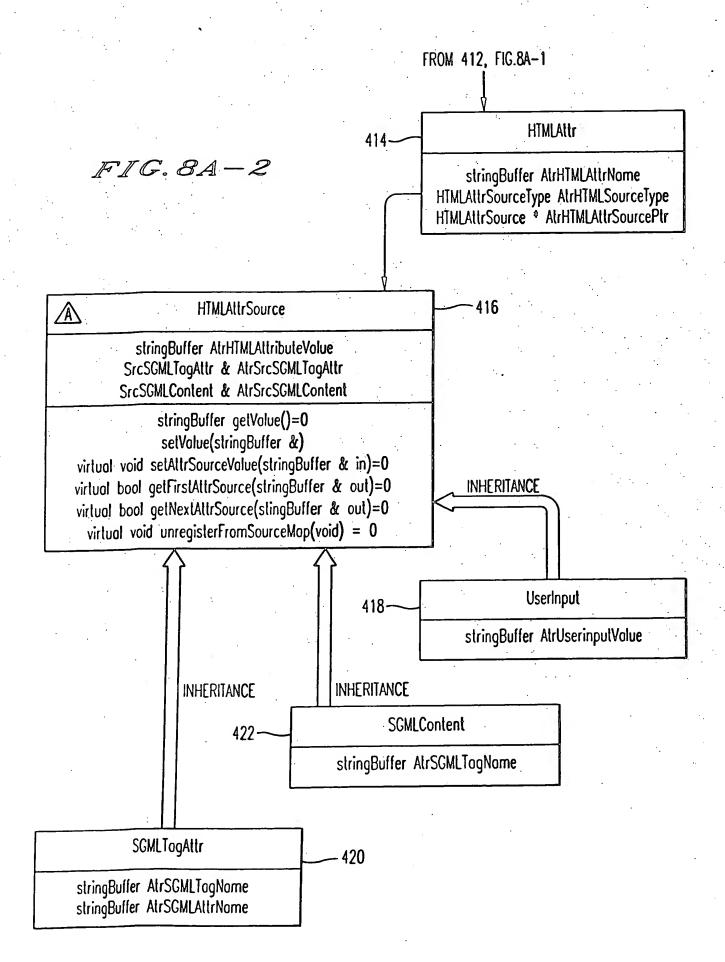
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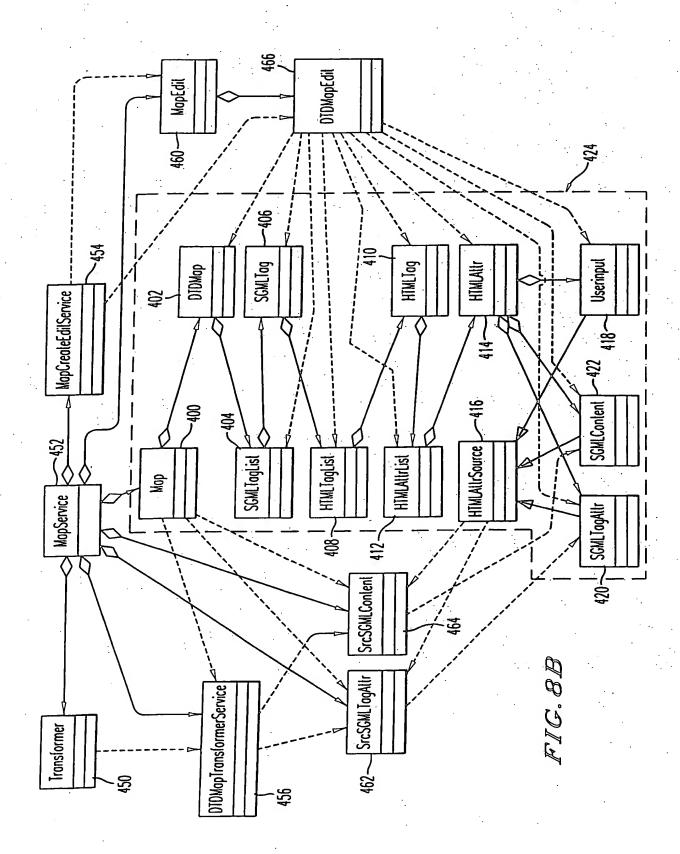


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SrcSGMLTogAttr

stringBuffer AtrCurrentSGMLTogNome

stringBuffer AtrCurrentAttribute

stringBuffer AtrCurrentHTMLAttributeSourceVolue

stringBuffer AtrTogAltrKey

map<stringBuffer, list<SGMLTagAttr *>, stringBuffer> AtrKeyOfSGMLTagAndAttribute

void registerSGMLTogNomeAndAttributeNome(SGMLTogAttr *)

void unregisterTogAttrKeyAndMopEntry(SGMLTogAltr *)

void setValueForAttributeOfTag

(stringBuffer & Tog, stringBuffer & Attribute, stringBuffer & value)

void reset(void)

FIG.8C-1

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SrcSGMLContent

stringBuffer AtrCurrentSGMLTogNome

 $string Buffer\ Atr Current HTMLAttribute Source Vol$

map<stringBuffer, list<SGMLContent *>, stringBuffer> AtrTableWithSGMLTagKey

void registerSGMLTogNome(SGMLContent *)

void unregisterSGMLTogNome(SGMLContent *)

void setValueForTag(stringBuffer & Tag, stringBuffer & Value)

void resel(void)

FIG.8C-2

MapService

Map * AtrCurrentMopPtr
MapCreateEditService * AtrMopCreateEditServicePtr
MessageDialogService & AtrMessageDialogServicesymblolTable & AtrHTMLSymbolTable
symbolTable * AtrSGMLSymbolTablePtr
Transformer * AtrTransformerPtr
ntEntity AtrCurrentSGMLDac
ntEntity AtrCurrentSGMLDac
SrcSGMLTagAttr * AtrSrcSGMLTagAttrPtr
SrcSGMLContent * AtrSrcSGMLContentPtr
DTDMapTransformerService * AtrDTDMapTransformerServicePtr
MapEdit * AtrMapEditPtr

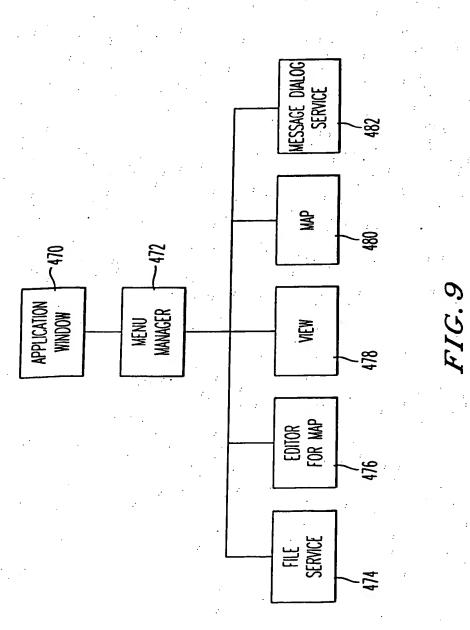
MapService(MessageDialogService &, symbolTable & HTMLSymbolTable) void MapServiceInit() MapCreateEditService & getMapCreateEditServiceObject() void close() Map * qetMapObject() void doMapTransform bool getHTMLObject (ntEntity &) bool areThisMapAndTheSGMLDocConsistent(Map & theMap, ntEntity & SGMLNtEntity) bool areThisMapAndTheDTDConsistent(Map & theMap,ntEntity & DTDNtEntity) bool isMopSoved() void selMapSoved() void resetMap(void) void SetMapObject(Map*) void setMapPtr(Map*) void setCurrentSGMLDoc(ntEntity &) ntEntity & getCurrentSGMLDoc(void) void setCurrentSGMLDTD(ntEntity &) ntEntity & getCurrentSGMLDTD(void) bool isEveryObjectReadyForMapEdit(void) void setSGMLSymbolTablePtr(symbolTable*) symbolTable * getSymbolTable(void) symbolTable & getHTMLSymbolTable(void) void createRelatedObjects(void) void resetMapResetRelatedObjects(void) void disconnectCurrentMap(void)

MapCreateEditService

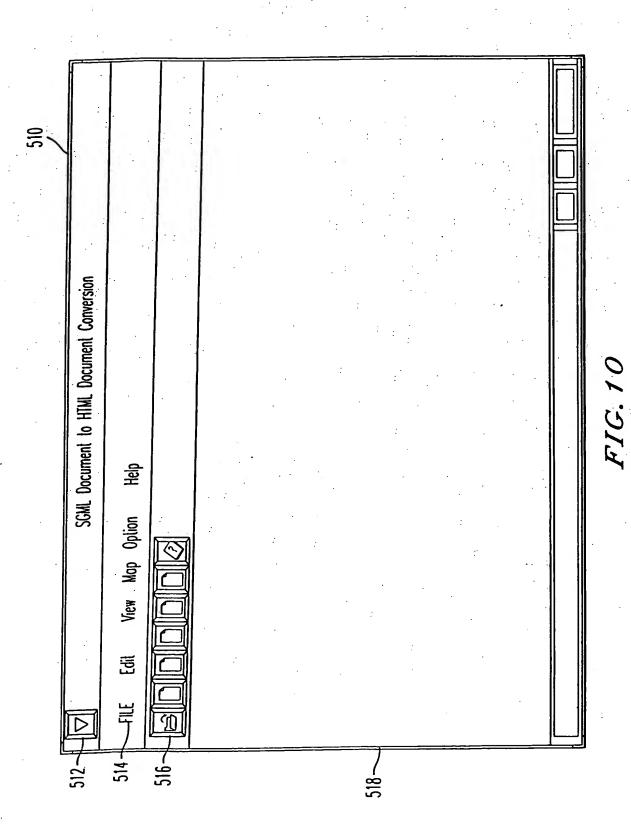
Map * AtrCurrentMapPtr
MapService & AtrMapService
MessageDiologService & AtrMessageDiologService
symbolTable & AtrHTMLSymbolTable
symbolTable * AtrSGMLSymbolTablePtr
MapEdit & AtrMapEdit
DTDMapEdit * AtrDTDMapEditPtr

void editMap(void) void CrealeNewMap() void useThisDTD(ntEntity &) void useThisSGMLDoc(ntEntity &) void useThisSymbolToble(symbolToble *) symbolTable & getMapSymbolTable (void) void useThisMop(Mop *) void selectedHTMLTag(stringbuffer &) bool addSelectedHTMLTagToCurrentMappingList(void) bool deleteSelectedHTMLTagFromCurrentMappingList(int listPosition) void selectedSGMLTag(stringBuffer &) void finishOneMopping() void finishCreatingMap() bool getNextSGMLTog(stringbuffer &) bool getFirstExistingHTMLTogInMop(stringBuffer &) bool getNextExistingHTMLTagInMap(stringBuffer &) bool setSelectedSGMLTaqToBeNullAssigned(void) bool setSelectedSGMLTogToBeNolAssigned(void) SGMLTogAssignmentType getSGMLTogAssignmentType(void) void gelAttributeAssignmentInformationForHTMLAttribute(const stringBuffer & HTMLAttributeName, HTMLAttributeSourceType & SourceType, stringBuffer & theFirstData, stringBuffer & theSecondData) void assignHTMLAttributeWithSGMLAttribute(stringBuffer & HTMLAttributeName, stringBuffer & SGMLTog, stringBuffer & SGMLAttribute) void assignHTMLAttributeWithSGMLContent(stringBuffer & HTMLAttributeName, stringBuffer & SGMLTag) void ossignHTMLAttributeWithSystem(stringBuffer & HTMLAttributeName) void ossignHTMLAttributeWithNoVolue(stringBuffer & HTMLAttributeNome) void assignHTMLAttributeWithUserInput(stringBuffer & HTMLAttributeName, stringBuffer & theUserInput) void assignDoneSelected(void)

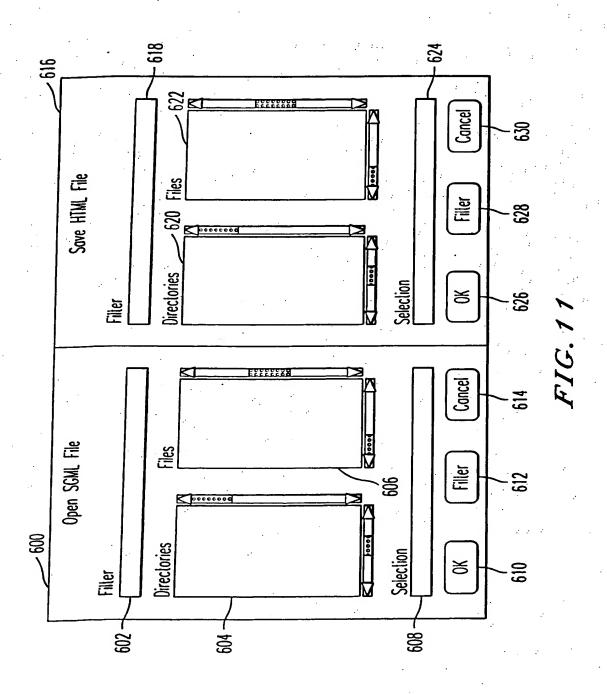
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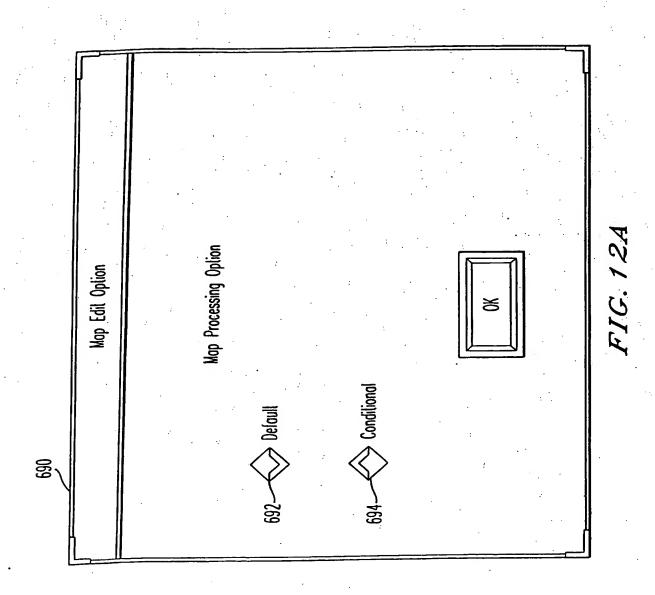
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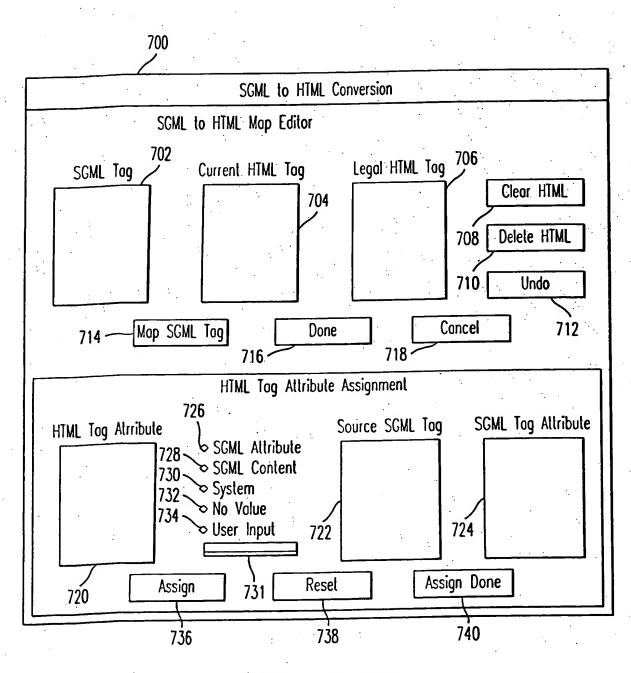


FIG. 12B

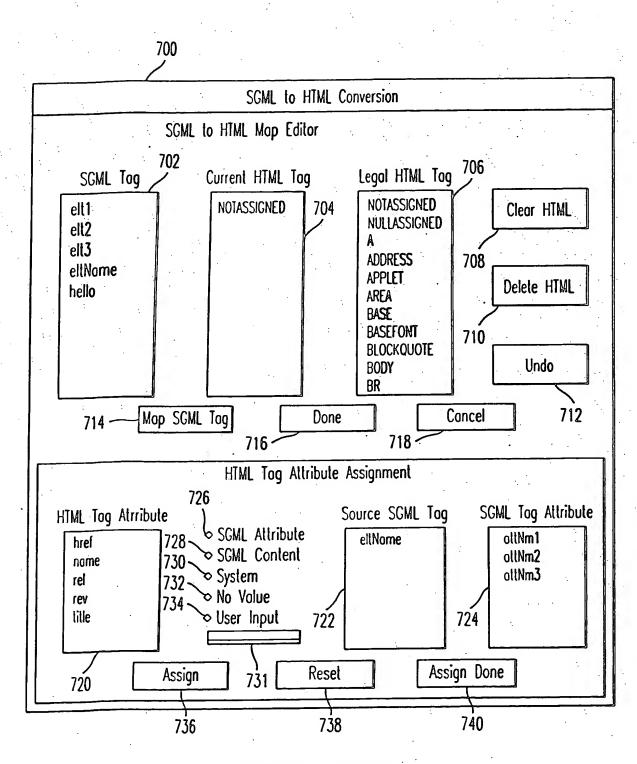
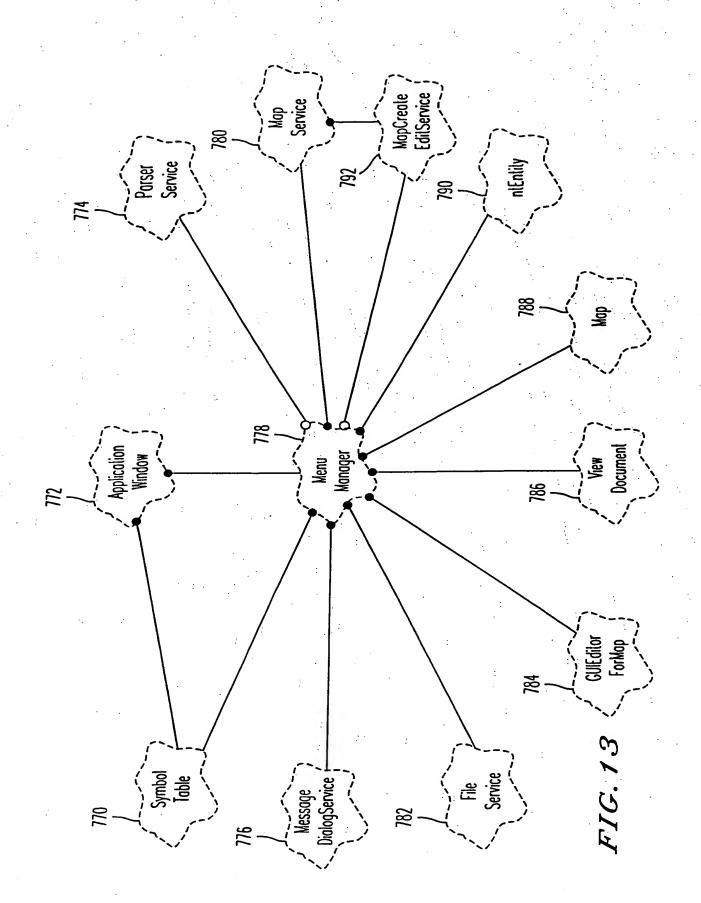
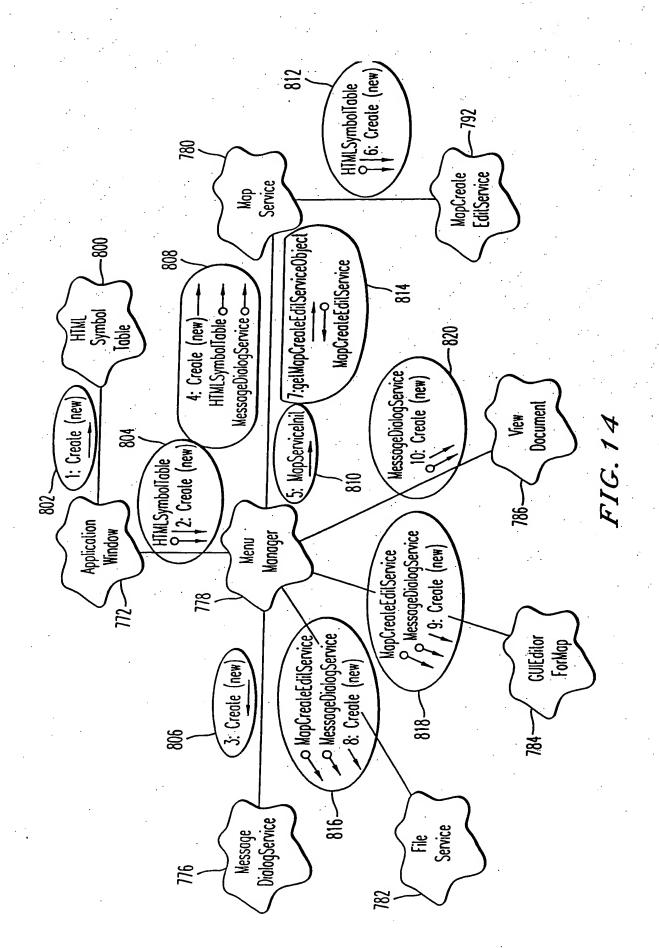


FIG. 12C

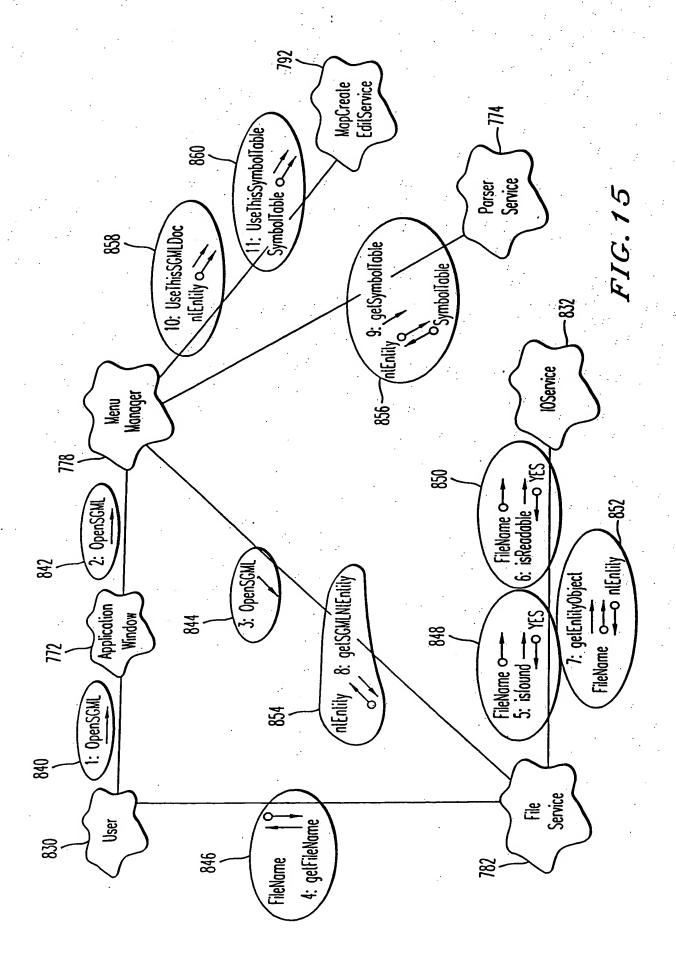
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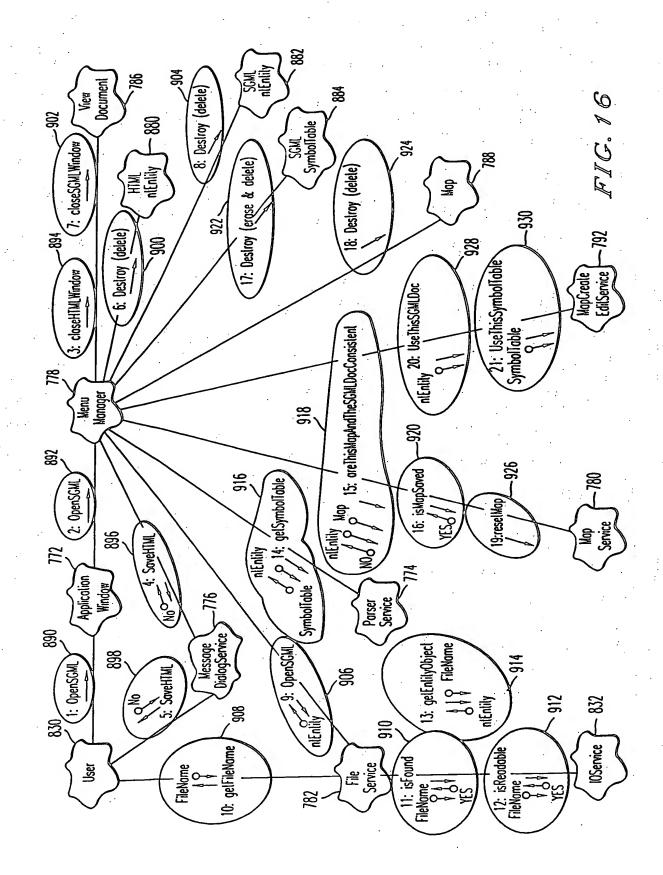
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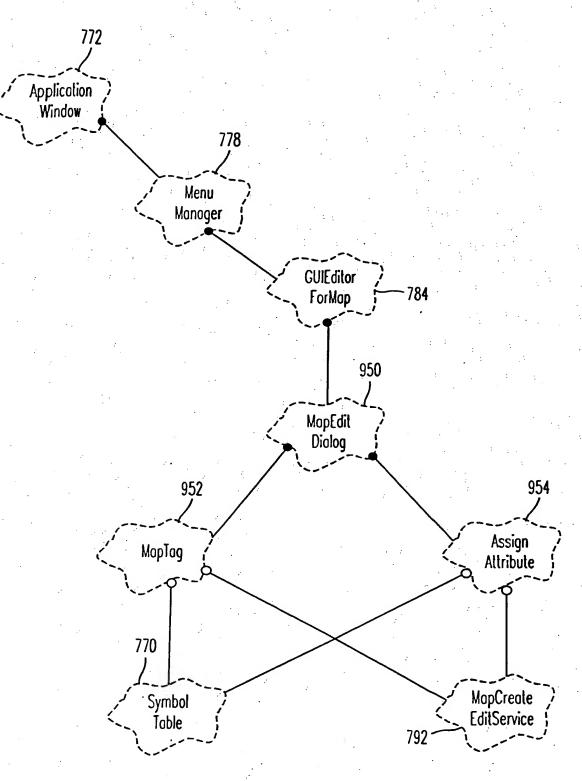
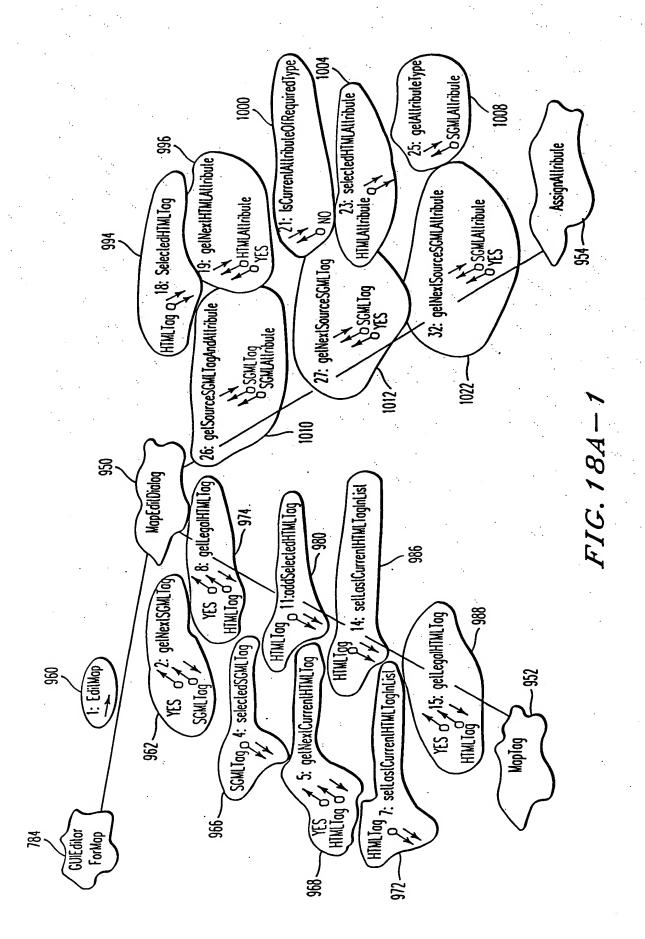


FIG. 17

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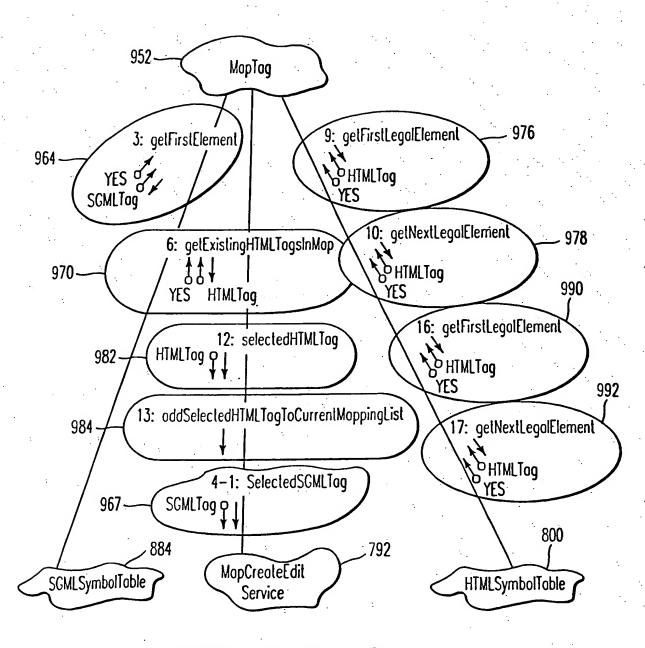


FIG. 18A-2

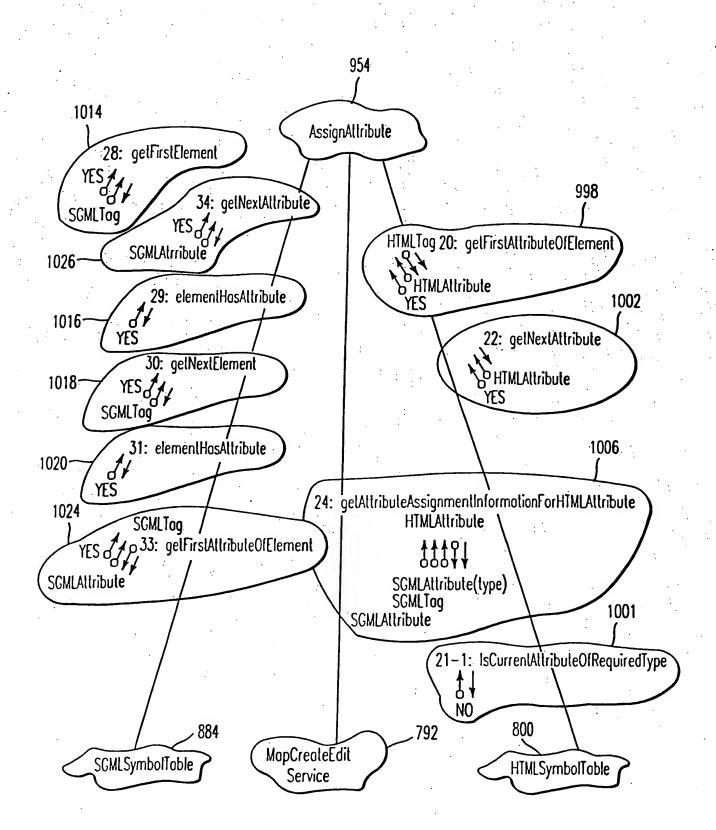
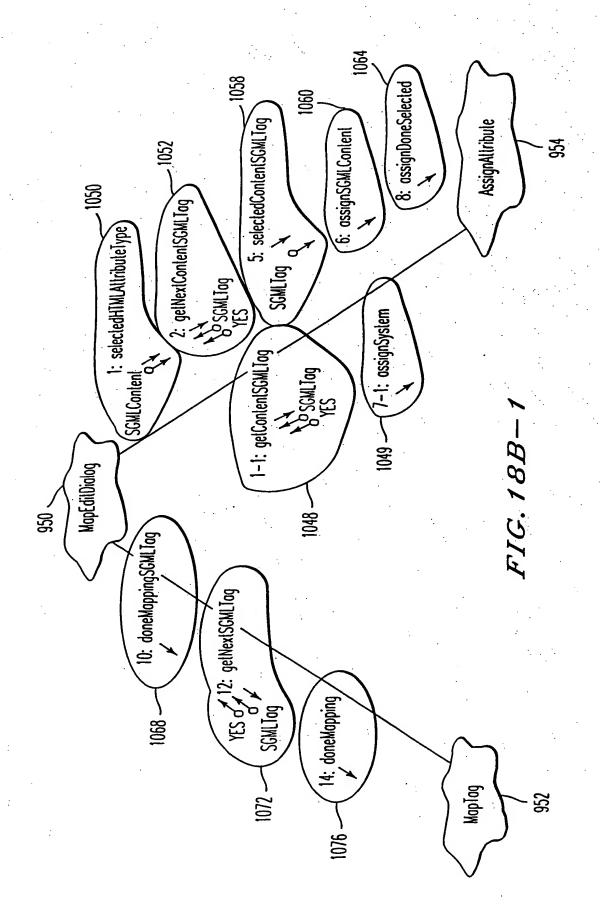


FIG. 18A-3

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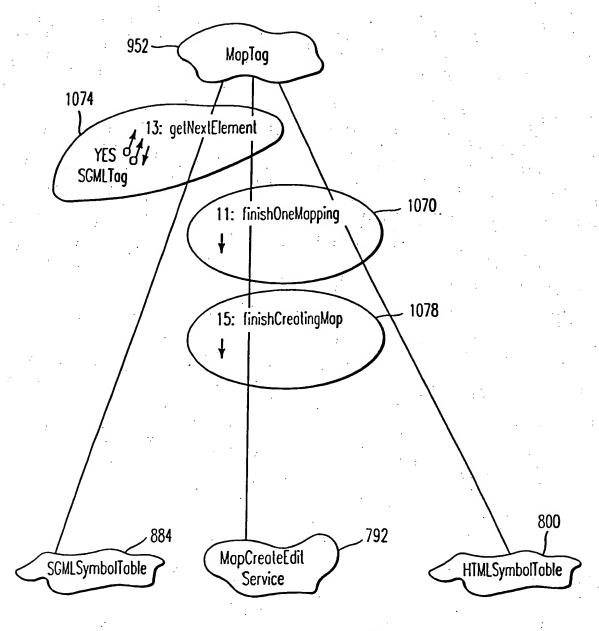


FIG. 18B-2

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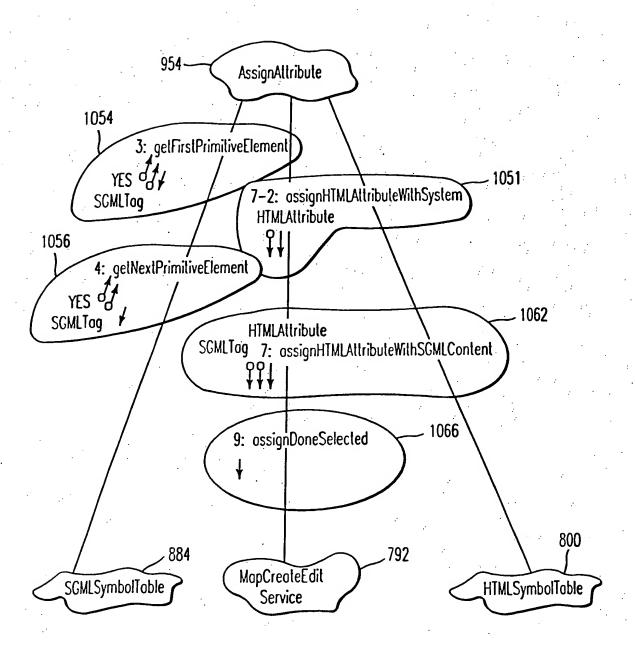
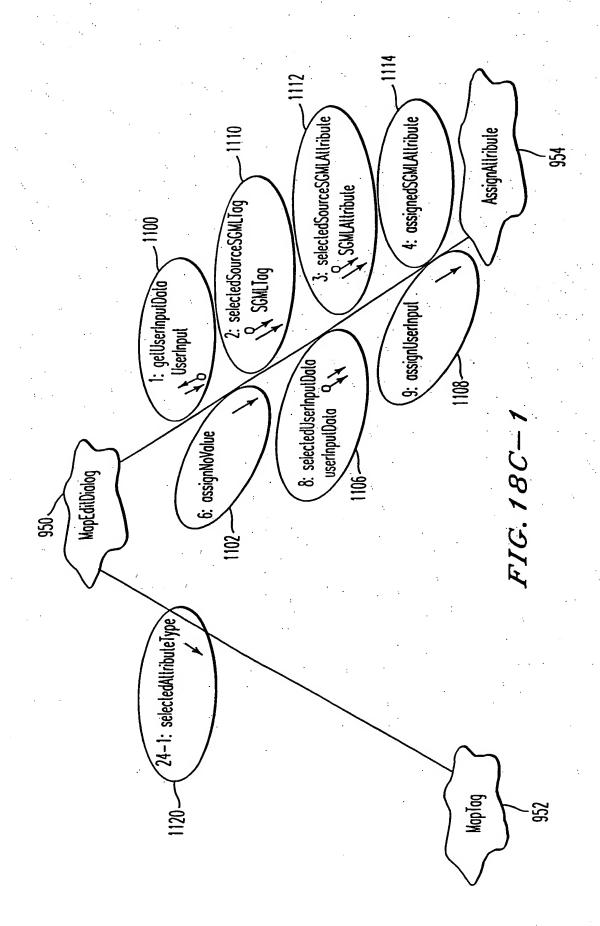


FIG. 18B-3

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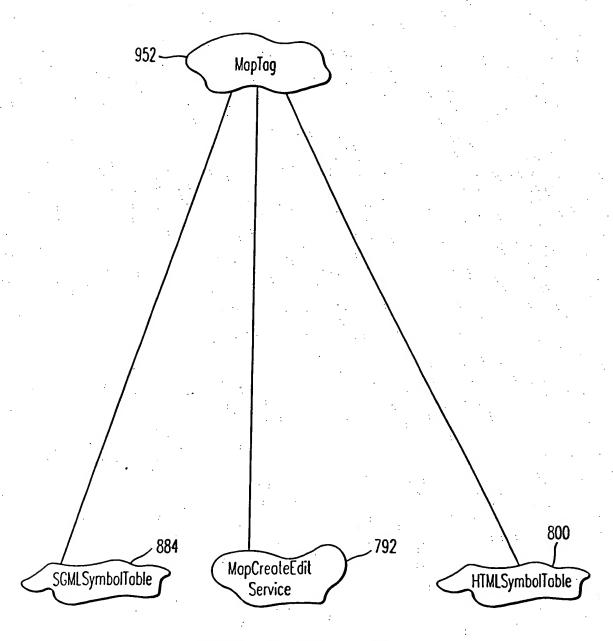


FIG. 18C-2

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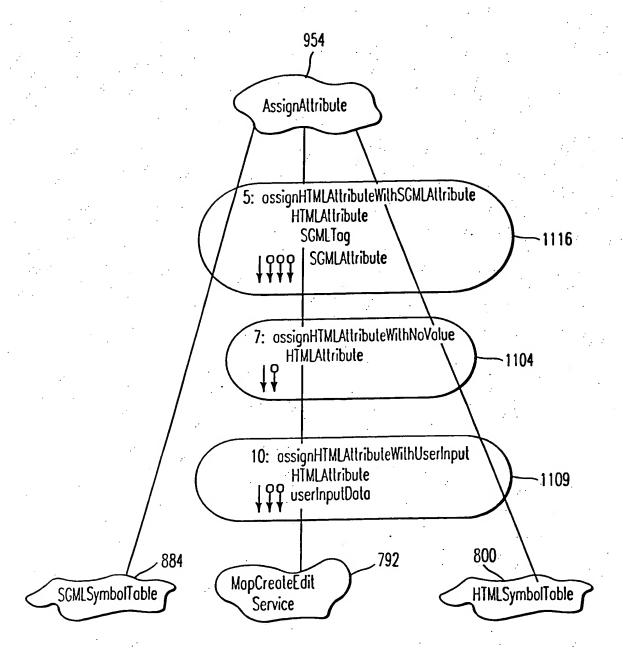


FIG. 18C-3

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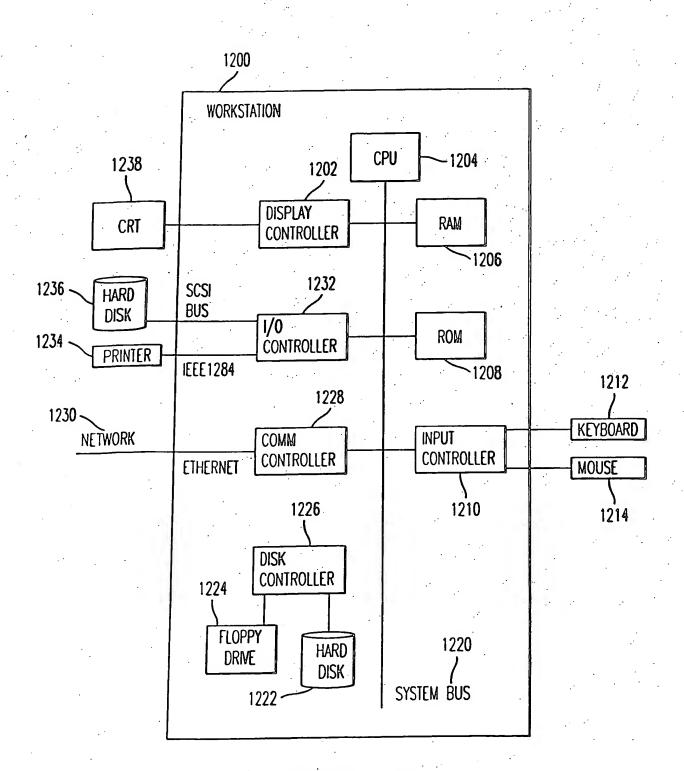


FIG. 19

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1400 XYZ//font::metric::x-offset::622

FIG. 20A

ownername -> ownername
ownerdescription -> objectname
objectdescription -> objectdescription

1424 objectdescription -> objectdescription

1426 -> -> -> -> -> ->

1428 -> -> -> -> ->

1430 -> -> -> -> -> -> ->

FIG.20B

1440 XYZ_font_metric_x-offset_622

FIG. 20C

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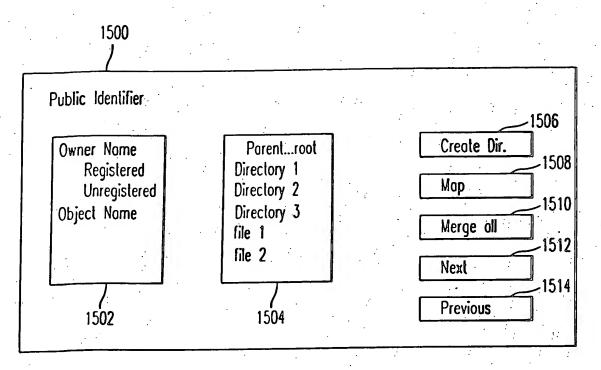


FIG.20D

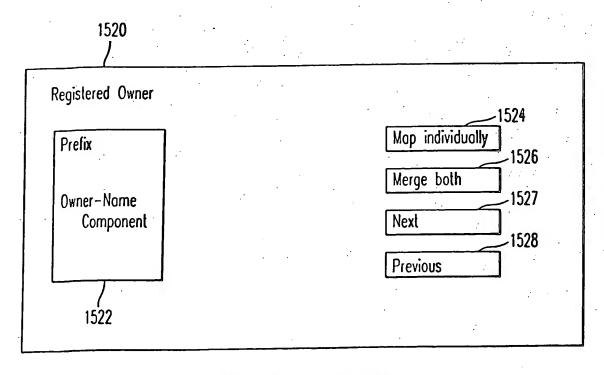


FIG. 20E

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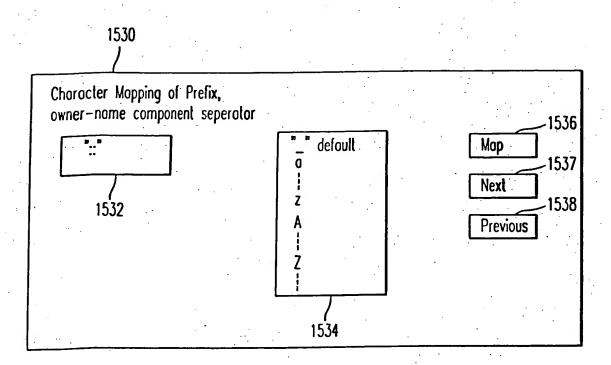
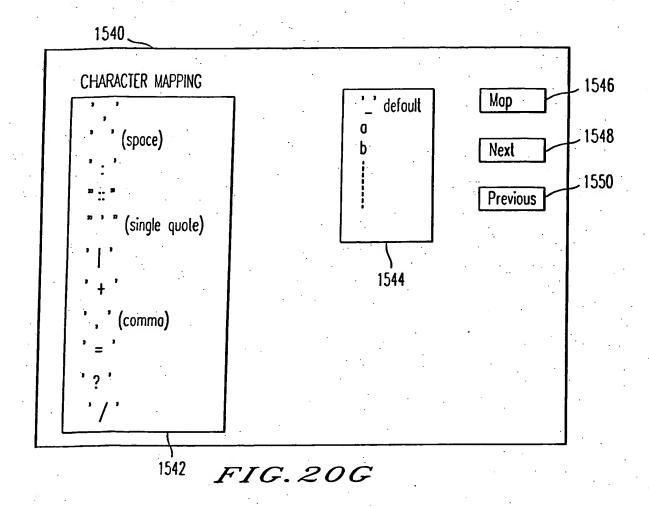


FIG.20F

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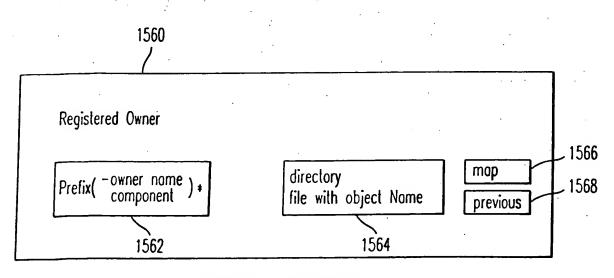


FIG. 20H